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**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	2003B086
First Inventor	James Beech
Title	Catalyst Regenerator For Reducing Entrained...
Express Mail Label	EV192619651US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO:Mail Stop Patent Application
Commissioner for Patents
P. O. Box 1450
Alexandria VA 22313-1450

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original, and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 57]
(preferred arrangement set forth below)
- Descriptive title of the invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 3]
5. Oath or Declaration [Total Pages 4]
- a. ☒ Newly executed (original or copy)
- b. ☐ Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 18 completed)
- i. ☐ **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. ☐ Application Data Sheet. See 37 CFR 1.76

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
- a. ☐ Computer Readable Form (CRF)
- b. Specification Sequence Listing on:
- i. ☐ CD-ROM or CD-R (2 copies); or
- ii. ☐ Paper
- c. ☐ Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. ☒ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement ☐ Power of Attorney
(when there is an assignee)
11. ☐ English Translation Document (if applicable)
12. ☒ Information Disclosure Statement (IDS)/PTO-1449 ☒ Copies of IDS Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)
16. ☐ Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. ☐ Other:

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: _____

Prior application information: Examiner _____ Group / Art Unit: _____

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS☒ Customer Number: 23455 or ☒ Correspondence address below

Name	Jaimes Sher (Reg. No.: 34,726)		
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Name (Print/Type)	Jaimes Sher	Registration No. (Attorney/Agent)	34,726
Signature		Date	August 22, 2003

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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22154 U.S. PTO
10/646240

08/22/03

14230 U.S. PTO
08/22/03

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FEE TRANSMITTAL for FY 2003 <small>Effective 01/01/2003. Patent fees are subject to annual revision.</small>		Complete if Known		
		Application Number	AWAITED	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		Filing Date	August 22, 2003	
		First Named Inventor	James Beech	
		Examiner Name	Unassigned	
		Group Art Unit	Unassigned	
TOTAL AMOUNT OF PAYMENT	(\$)	\$2,448.00	Attorney Docket No.	2003B086

METHOD OF PAYMENT (check all that apply)		FEE CALCULATION (continued)	
<input type="checkbox"/> Check <input type="checkbox"/> Credit card <input type="checkbox"/> Money <input type="checkbox"/> Other <input type="checkbox"/> None		3. ADDITIONAL FEES	
<input checked="" type="checkbox"/> Deposit Account:		Large Entity Small Entity	
Deposit Account Number: 05-1712		Fee Code Fee (\$)	
Deposit Account Name: ExxonMobil Chemical Comapny		Fee Code Fee (\$)	
The Director is authorized to: (check all that apply)		Fee Description	
<input checked="" type="checkbox"/> Charge fee(s) indicated below <input checked="" type="checkbox"/> Credit any overpayments		Fee Paid	
<input type="checkbox"/> Charge any additional fee(s) during the pendency of this application			
<input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.			
FEE CALCULATION			
1. BASIC FILING FEE			
Large Entity Small Entity			
Fee Code Fee (\$)		Fee Description	
Fee Code Fee (\$)		Fee Paid	
1001 750 2001 375 Utility filing fee		750.00	
1002 330 2002 165 Design filing			
1003 520 2003 260 Plant filing fee			
1004 750 2004 375 Reissue filing			
1005 160 2005 80 Provisional filing fee			
SUBTOTAL (1)		(\$)	
		750.00	
2. EXTRA CLAIM FEES FOR UTILITY AND			
Total Claims 105 -20** = 85		Fee from below 18.00 = 1,530.00	
Independent Claims 5 -3** = 2		Fee Paid 84.00 = 168.00	
Multiple Dependent			
Large Entity Small Entity			
Fee Code Fee (\$)		Fee Description	
Fee Code Fee (\$)		Fee Paid	
1202 18 2202 9 Claims in excess of 20			
1201 84 2201 42 Independent claims in excess of 3			
1203 280 2203 140 Multiple dependent claim, if not paid			
1204 84 2204 42 ** Reissue independent claims over original patent			
1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent			
SUBTOTAL (2)		(\$)	
		1,698.00	
**or number previously paid, if greater; For Reissues, see above			
		SUBTOTAL (3) (\$)	
		0.00	

SUBMITTED BY		Complete (if applicable)	
Name	Jaimes Sher	Registration No. (Attorney/Agent)	34,726
Signature		Telephone	281-834-1298
		Date	August 22, 2003

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)

Applicant(s): James Beech, et. al.

Docket No.

2003B086

Serial No.

AWAITED

Filing Date

August 22, 2003

Examiner

Unassigned

Group Art Unit

Unassigned

Invention: Catalyst Regenerator For Reducing Entrained Catalyst Loss And Processes For Using Same

I hereby certify that the following correspondence:

Utility Patent Application Transmittal, Specification with (3) Drawings, Declarations, Assignment Recordation Sheet with Assignments, Transmittal of IDS Statement, Form 1449 with (11) References and Return Receipt Postcard

(Identify type of correspondence)

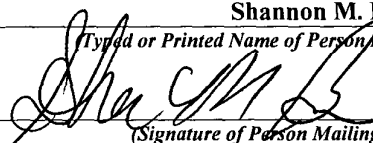
is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on

August 22, 2003

(Date)

Shannon M. Borom

(Typed or Printed Name of Person Mailing Correspondence)



(Signature of Person Mailing Correspondence)

EV192619651US

("Express Mail" Mailing Label Number)

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